

Fig. 1

FIG. 2

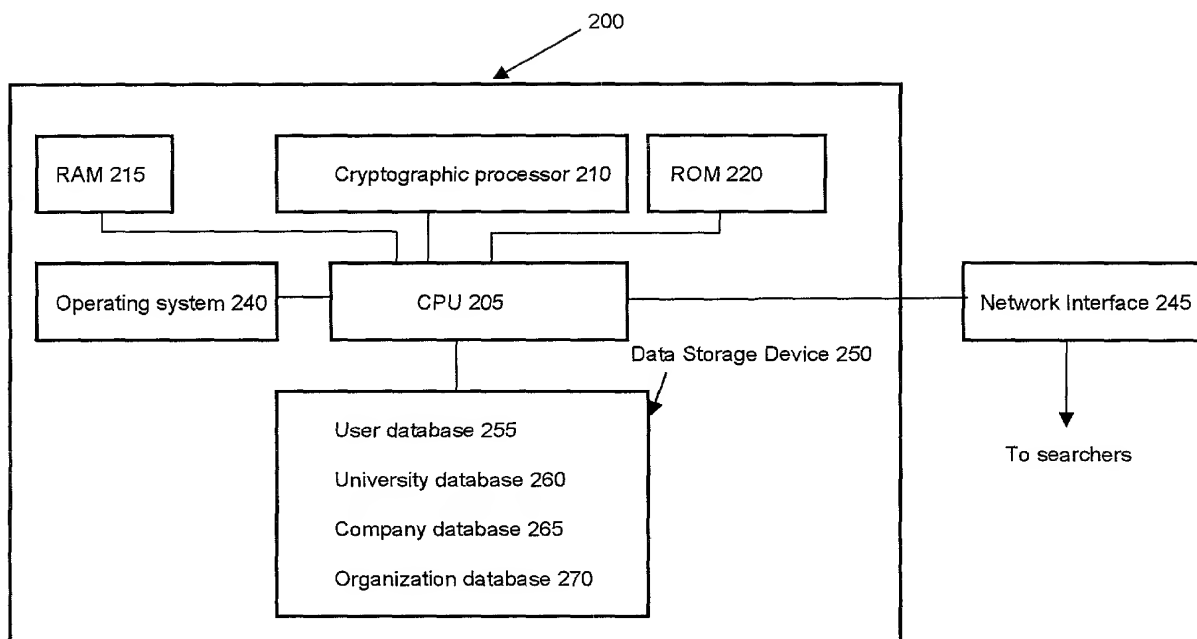


Fig. 2

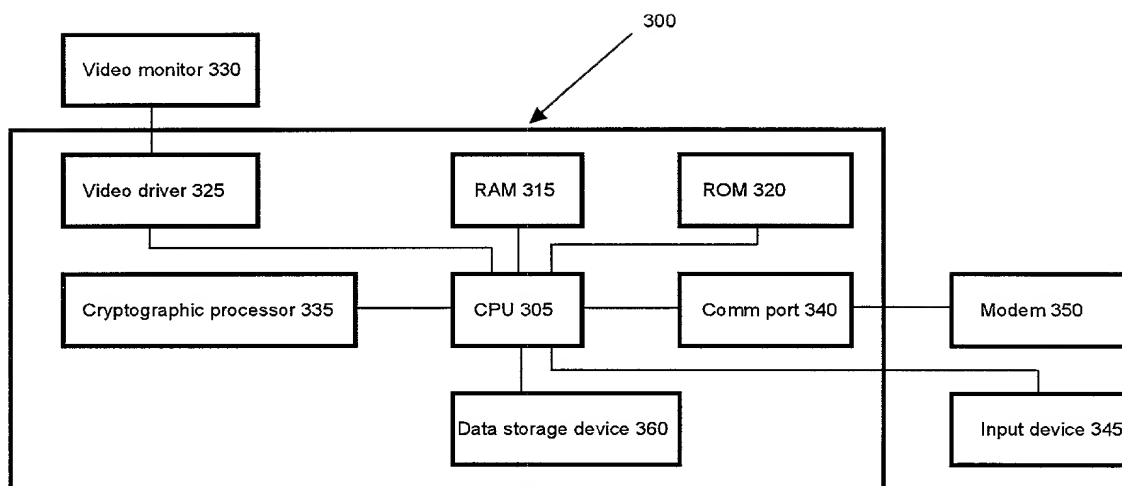


Fig. 3

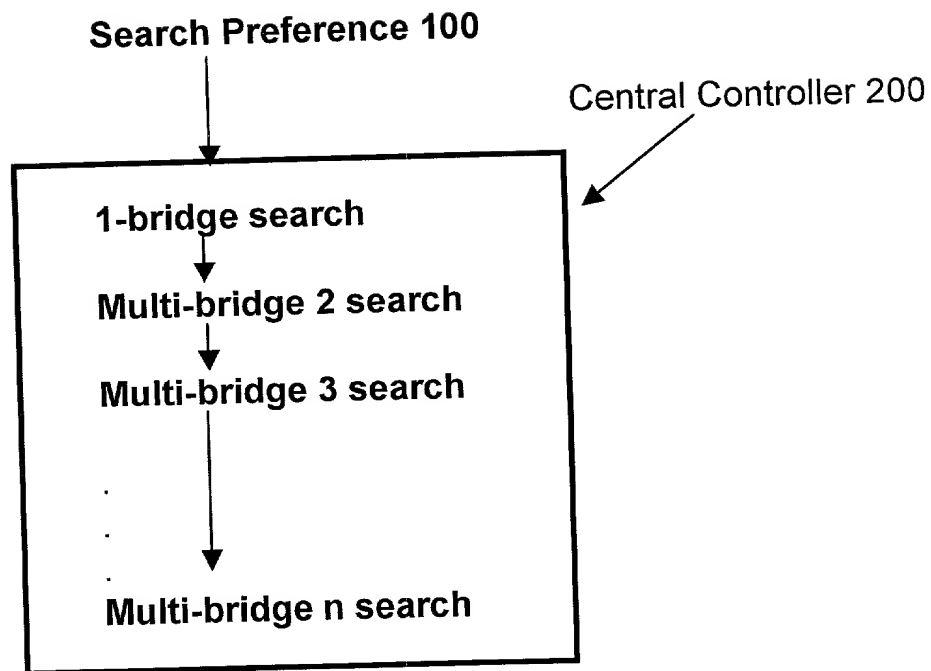


Fig. 4a

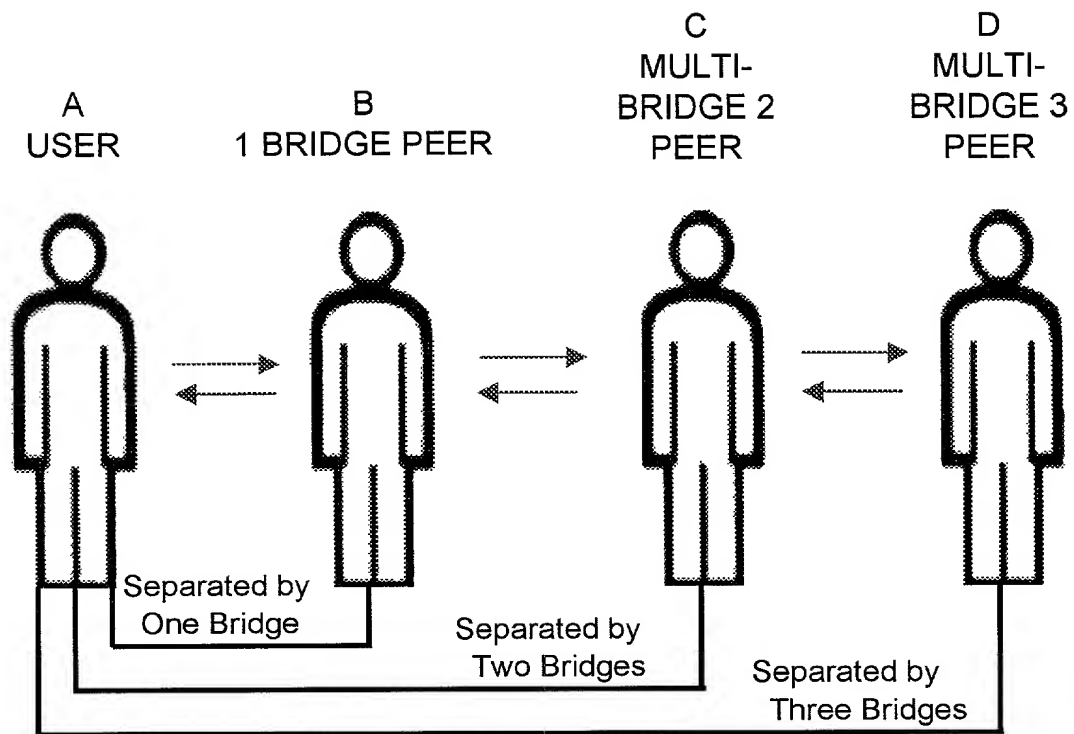
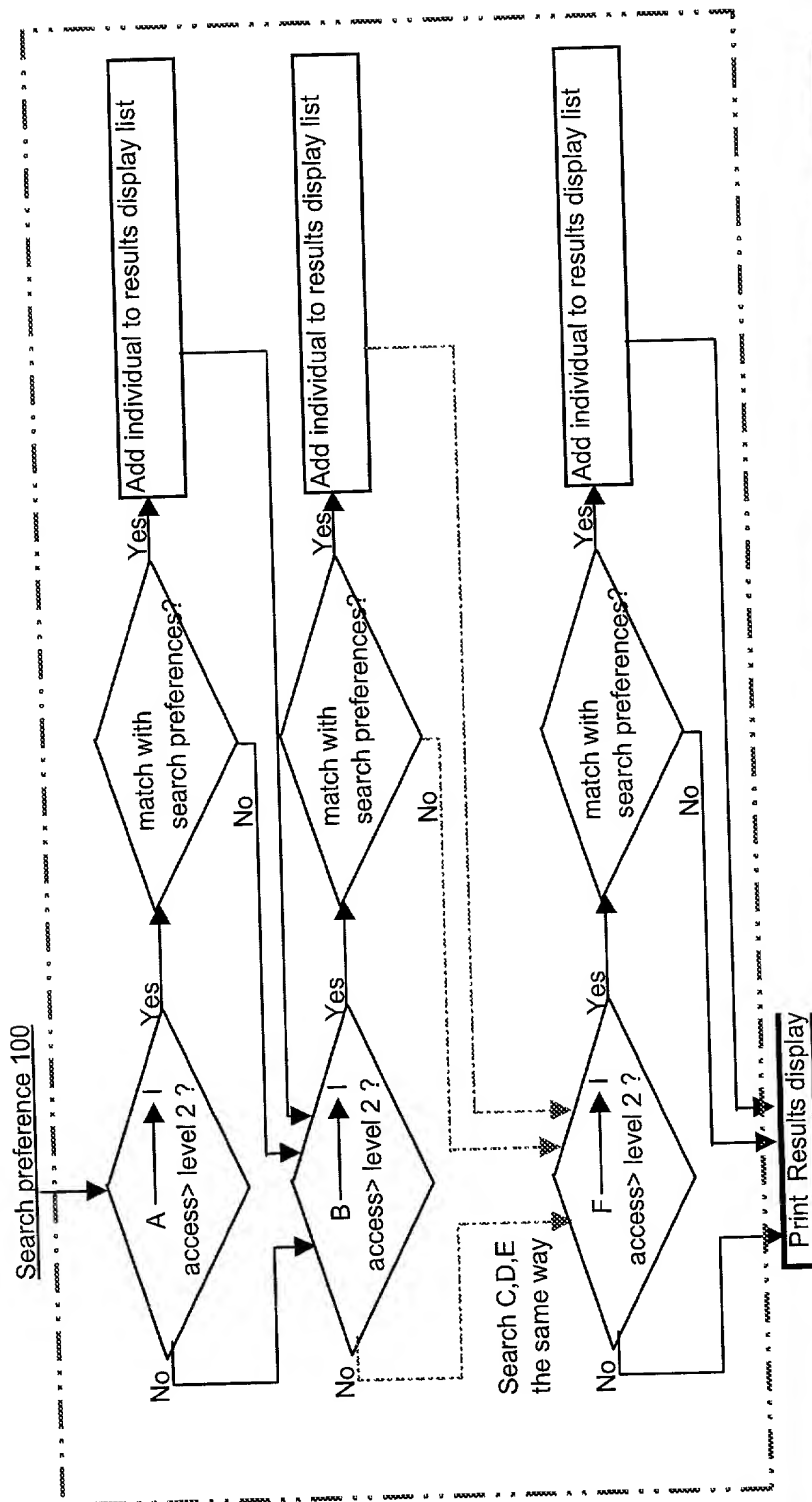


Fig. 4b



Sequence X: I's contacts search within 1-bridge network. Required for multi-bridge Figures 6,7,8

Fig. 5a

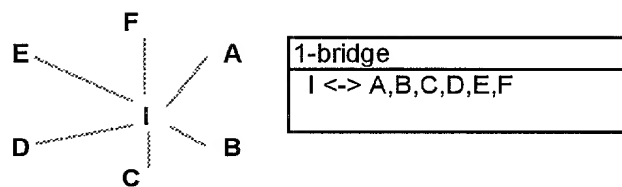


Fig. 5b

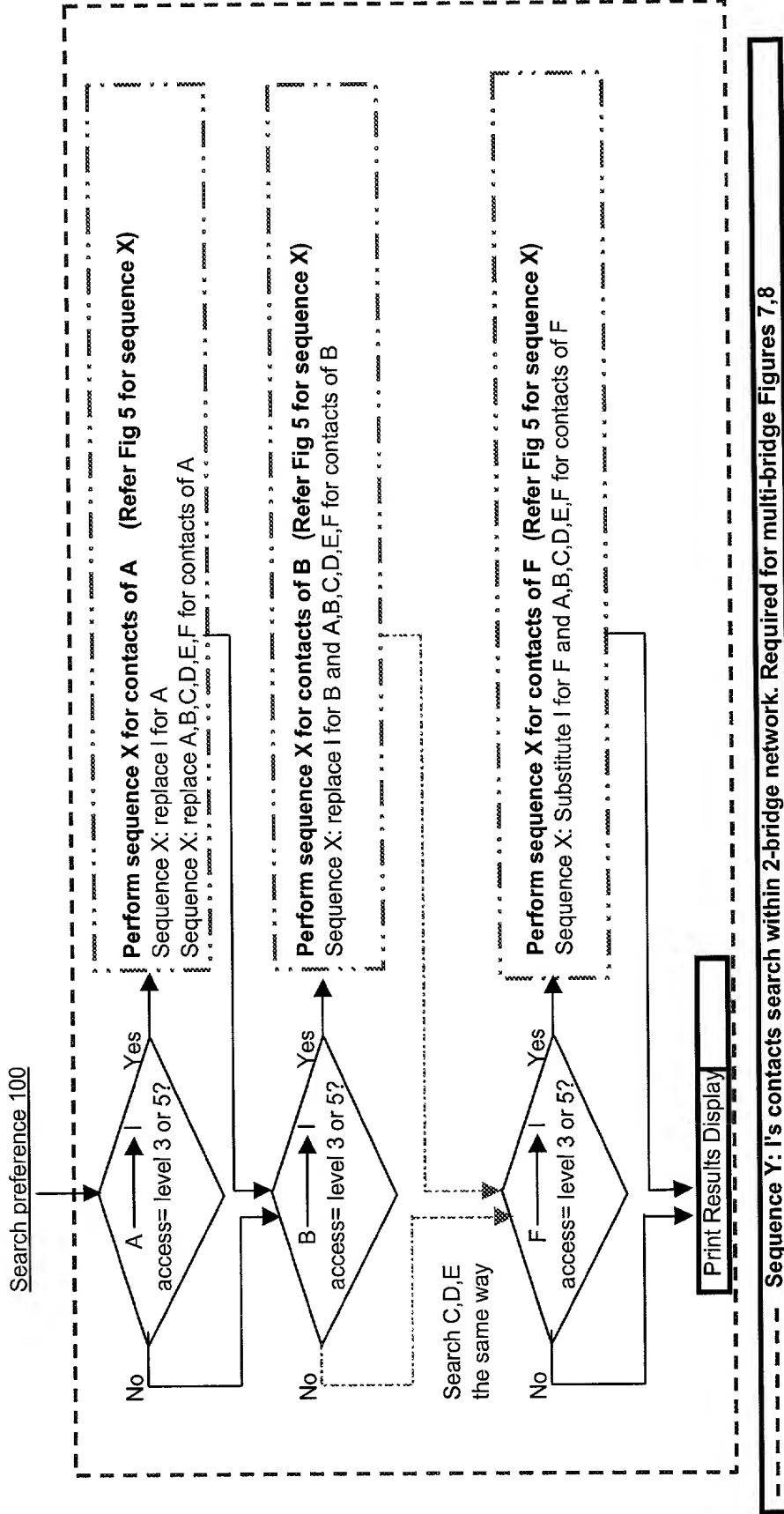
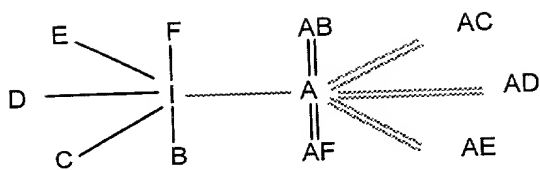


Fig. 6a



1-bridge	<-> A,B,C,D,E,F
Multi-bridge 2	<-> AB,AC,AD,AE,AF

Fig. 6b

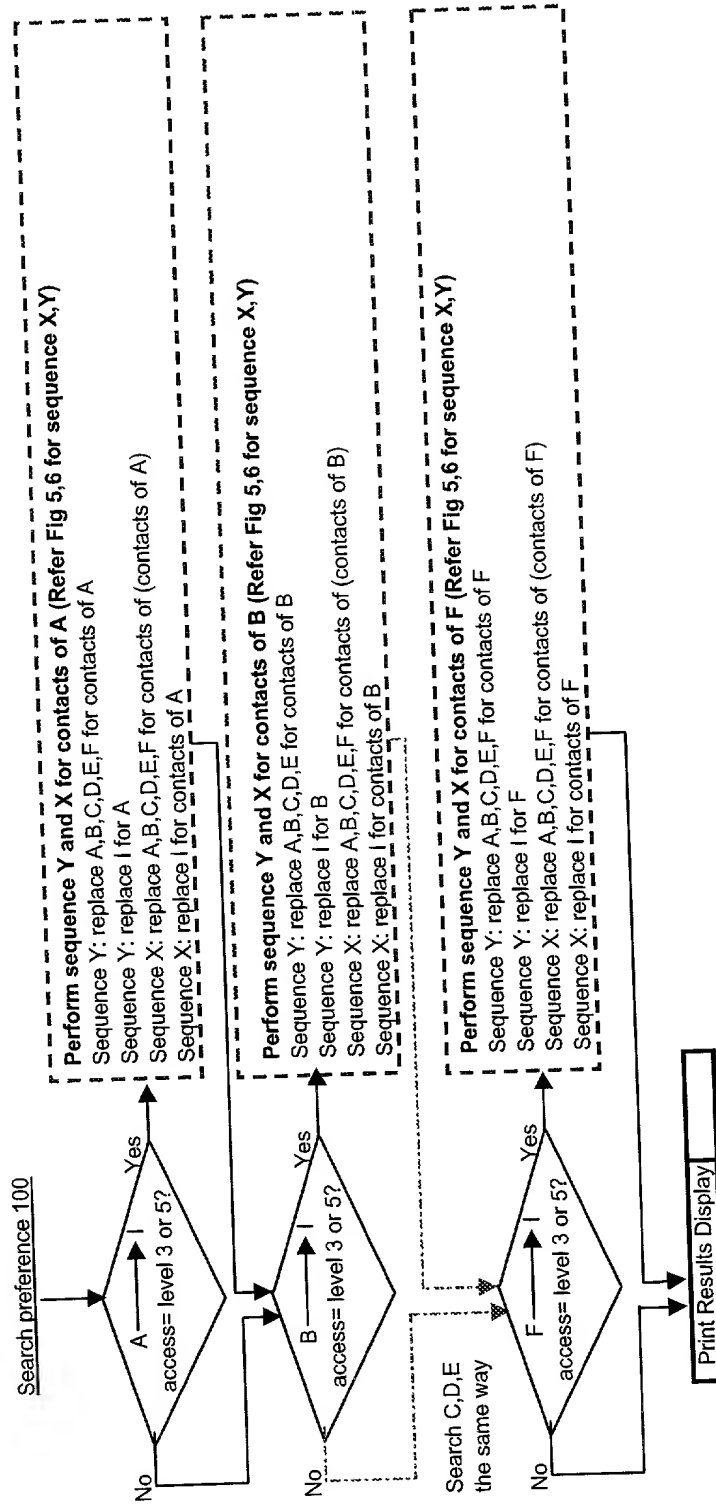
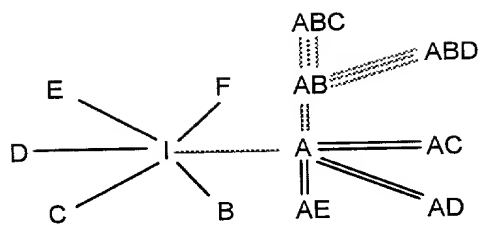
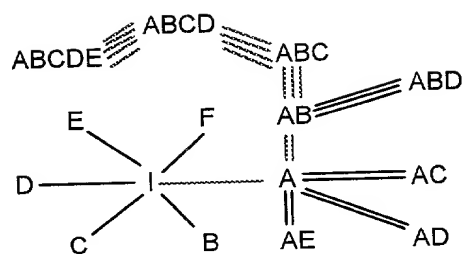


Fig. 7a



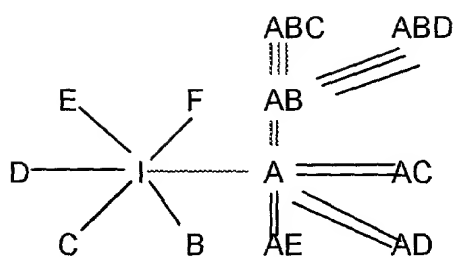
1-bridge	<-> A,B,C,D,E,F
Multi-bridge 2	<-> AB,AC,AD,AE
Multi-bridge 3	<-> ABC,ABD

Fig. 7b



1-bridge	$I \leftrightarrow A, B, C, D, E, F$
multi-bridge 2	$I \leftrightarrow AB, AC, AD, AE$
multi-bridge 3	$I \leftrightarrow ABC, ABD$
multi-bridge 4	$I \leftrightarrow ABCD$
multi-bridge 5	$I \leftrightarrow ABCDE$

Fig. 8



Display to I

1 match found within 3 bridges (in this example)

Industry	City	Name	Alphanumeric code
E-commerce	London	A	
		?	abc2
		?	abc3

Fig. 9